



# MARELLIMOTORI ALTERNATOR 10KVA MXB-E 160 XA4

## Product description:

MARELLIMOTORI MXB-E 160XA4 ALTERNATOR 10KVA THREE-PHASE AVR

**MARELLIMOTORI** MXB-E 160XA4 is an **Alternator** with a power of 10KVA 8KW, this unit has a self-exciting and self-regulating Brushless operation.

MXB-E 160XA4 is designed for 50 or 60 HZ frequency operation, so it is possible to apply it for any service voltage increasing its versatility, for the correct operation for one or the other frequency it is however necessary to verify that the voltage regulator settings are correct for the intended use, to avoid malfunctioning.

MXB-E 160XA4 can be equipped with a wide range of accessories to meet the customer's needs and any requirement.

The MarelliMotori Alternator is supplied with 12 terminals (7 terminals), unless specifically requested by the customer.

Normally it is possible to connect both series and parallel star alternator, in case you want to change the connections it is necessary to check the AVR connection.

MXB-E 160XA4 three-phase can be used as single-phase following the technical manual in order to effectively deliver a power equal to 6 KVA.

MXB-E 160XA4 is a 10KVA alternator equipped with AVR type M00FA122A - MARK VX, suitable for MARELLIMOTORI synchronous generators. The regulator is suitable for operation on both three-phase generators and single-phase generators, allowing a fast, precise and reliable setup.

The M00FA122A is an electronic board protected by a polyurethane resin that protects the device from humidity, dust, aggressive environments; this AVR can be inserted in such a way as to automatically adjust the voltage and possibly also the frequency and/or the electric current according to the set values.



The AVR designed by MarelliMotori is internally equipped with a radio noise filter, which allows to contain the radio noise emitted by MarelliMotori generators within the limits established by European regulations for industrial environments.

The AVR is equipped with an internal protection fuse (5 A, 500 V), which intervenes in case of voltage regulator failure or very high overloads in the excitation circuit.

Select the alternator that meets your technical specifications, visit our dedicated section to understand how.

## TECHNICAL CHARACTERISTICS OF THE 10KVA THREEPHASE MXB-E 160XA4 ALTERNATOR

Phase type: Three phase

Maximum power 50Hz: 10.0 KVA

Maximum power 50Hz: 8.0 KW

Maximum power 60Hz: 12.5 KVA

Maximum power 60Hz: 10.0 KW

Frequency: 50 - 60 Hz

Voltage: 400V / 480V

Degree of protection: IP23

RPM: 1500 / 1800 rpm

Number of poles: 4

Yield: 78.0%

Weight: 83.0 Kg

Speed: constant

Voltage regulator: AVR

Looking for a product with different characteristics? [HERE](#) you can find the entire range of **MARELLIMOTORI** and other specialized brands.

Images and technical data are not binding and subject to change by the manufacturer.

### Product features:

Phase: Single phase / Three phase

Maximum power single phase (KW): 4.8

Maximum power single phase (KVA): 6

Maximum power three phase (KW): 8

Maximum power three phase (KVA): 10

Frequency (Hz): 50 / 60

Voltage (V): 400

Engine rpm (rpm): 1500





Poles: 4

Efficiency (%): 78

Protection degree: IP23

Brushes: No

Type of alternator: Constant Speed

Voltage regulator: AVR

Weight (Kg): 83

